HISTORIC AMERICAN ENGINEERING RECORD

HAER NJ, 14-DOV.V, 2-

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Picatinny Arsenal
One mile north of I-80 State Rte. 15
Dover Vicinity
Morris County
New Jersey

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Jet Lowe, Photographer, 1983.

- MIDDLE FORGE DISPLAY, ACROSS FROM BUILDING NO. 114 ON FARLEY AVE.

 MARKER ON DISPLAY ITSELF READS: FORGE AND TOOLS, USED AT MIDDLE
 FORGE LOCATED AT PICATINNY LAKE OUTLETS 1749 TO 1880. NEARBY
 MARKER READS: THE MIDDLE FORGE. THE MT. HOPE IRONWORKS INCLUDING
 A TRACT CALLED THE MIDDLE FORGE, SUPPLIED ORDNANCE MATERIAL TO THE
 CONTINENTAL ARMY IN THE AMERICAN REVOLUTION. GENERAL WASHINGTON
 INSPECTED THE FACILITY. THE WAR DEPARTMENT PURCHASED THE MIDDLE
 FORGE PORPERTY FOR AN ARMY POWDER DEPOT IN 1879-80. THE FORGE AND
 TOOLS WERE RECOVERED AT THE ACTUAL SITE NEAR PICATINNY PEAK.
 THROUGH THE YEARS, THE MIDDLE FORGE DISPLAY CAME TO BE THE
 UNOFFICIAL SYMBOL OF PICATINNY ARSENAL. -- HISTORICAL OFFICE
 [NO DATE]
- NJ-36A-2 CANNON GATES. DETAIL OF NORTHWEST GATE STONE WALL TO LEFT IS A REMNANT OF THE ORIGINAL FACILITY BOUNDARY FENCE. IT IS CONSTRUCTED IN BLUE PUDDING STONE.
- NJ-36-3 BUILDING NO. 31, PRECISION MACHINE SHOP, NORTHWEST CORNER OF BUILDING.
- NJ-36-4 BUILDING NO. 31, PRECISION MACHINE SHOP, WEST SIDE OF BUILDING.
- NJ-36-5 BUILDING NO. 31, PRECISION MACHINE SHOP, NORTHEAST CORNER.
- NJ-36-6 BUILDING NO. 31, PRECISION MACHINE SHOP, SOUTHEAST CORNER.

- NJ-36-7 BUILDING NO. 31, PRECISION MACHINE SHOP, DETAIL VIEW OF BAY AT SOUTHWEST CORNER.
- NU-36-8 BUILDING NO. 31, PRECISION MACHINE SHOP, SOUTHWEST CORNER AT BUILDING.
- NJ-36-9 BUILDING NO. 31, PRECISION MACHINE SHOP, INTERIOR.
- NJ-36-10 BUILDING NO. 31, PRECISION MACHINE SHOP, INTERIOR
- NU-36-11 BUILDING NO. 110, BACHELOR OFFICER QUARTERS, SUPERINTENDENT, GENERAL VIEW LOOKING AT SOUTHWEST CORNER.
- NJ-36-12 BUILDING NO. 110, BACHELOR OFFICER QUARTERS, SUPERINTENDENT, GENERAL VIEW LOOKING AT SOUTHWEST CORNER.
- NJ-36-13 BUILDING NO. 110, BACHELOR OFFICER QUARTERS, SUPERINTENDENT, GENERAL VIEW LOOKING AT SOUTHWEST CORNER.
- NJ-36-14 BUILDING NO. 112, COMMANDING OFFICERS RESIDENCE, LOOKING AT NORTHWEST AND SOUTHWEST ELEVATIONS.
- NU-36-15 BUILDING NO. 112, COMMANDING OFFICERS RESIDENCE, LOOKING AT SOUTHEAST (FRONT) ELEVATION.
- NJ-36-16 BUILDING NO. 113, FAMILY HOUSING, (GENERAL'S RESIDENCE), LOOKING AT SOUTHWEST (FRONT) ELEVATION.
- NJ-36-17 BUILDING NO. 114, OFFICER'S QUARTERS, LOOKING AT SOUTHWEST (FRONT) ELEVATION. FORMER COMMANDING OFFICER'S QUARTERS.
- NJ-36-18 BUILDING NO. 117, FAMILY HOUSING (LT. COL. & MAJOR), LOOKING AT SOUTH SIDE.
- NJ-36-19 BUILDING NO. 117, FAMILY HOUSING (LT. COL. & MAJOR), LOOKING AT SOUTHEAST CORNER.

NJ-36 - 20	BUILDING NO. 117, FAMILY HOUSING (LT. COL. & MAJOR), LOOKING AT EAST SIDE.
NJ-36 - 21	BUILDING NO. 117, FAMILY HOUSING (LT. COL. & MAJOR), LOOKING AT NORTH SIDE.
NJ-36-22	BUILDING NO. 119, FAMILY HOUSING (OFFICER'S QUARTERS), LOOKING AT SOUTH SIDE.
NJ-36 - 23	BUILDING NO. 119, FAMILY HOUSING (OFFICER'S QUARTERS), LOOKING AT NORTH WING.
NJ-36-24	BUILDING NO. 151, ADMINISTRATION BUILDING, LOOKING AT SOUTHWEST FACADE OF POST HEADQUARTERS BUILDING, NOW VACANT.
NJ-36-25	BUILDING NO. 162, CHEMISTRY LAB, LOOKING AT WEST (ENTRY) FACADE OF WEST WING.
NJ-36-26	BUILDING NO. 162, CHEMISTRY LAB, LOOKING AT SOUTHEAST CORNER OF WEST WING.
NJ-36-27	BUILDING NO. 302, POST ENGINEERING MAINTENANCE SHOP, LOOKING ALONG NORTH SIDE OF BUILDING.
NJ-36-28	BUILDING NO. 302, POST ENGINEERING MAINTENANCE SHOP, LOOKING AT NORTH SIDE OF BUILDING AT EAST END.
NJ-36-29	BUILDING NO. 302, POST ENGINEERING MAINTENANCE SHOP, LOOKING AT NORTHWEST CORNER.
NJ-36-30	BUILDING NO. 302, POST ENGINEERING MAINTENANCE SHOP, WINDOW DETAIL ON SOUTH SIDE OF BUILDING.
NJ-36-31	BUILDING NO. 305, POST ENGINEERING STOREHOUSE, LOOKING AT NORTHEAST CORNER. BUILDING NO. 301-A, POST ENGINWEERING STOREHOUSE, OIL HOUSE, IN BACKGROUND RIGHT.

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NJ-36-32	BUILDING NO. 307, STORAGE BUILDING, LOOKING AT NORTHEAST CORNER. ORIGINAL BRICK FACADE HAS BEEN COVERED.
NJ-36-33	BUILDING NO. 307, STORAGE BUILDING, LOOKING AT WEST FACADE.
NJ-36-34	LOOKING NORTHEAST DOWN 11TH AVENUE, BUILDING NO. 315 IN FOREGROUND AND BUILDING NO. 316 IN BACKGROUND.
NJ-36-35	BUILDING NO. 315, METALLURGY LAB, LOOKING AT SOUTH AND EAST FACADES.
NJ - 36-36	BUILDING NO. 315, METALLURGY LAB, LOOKING AT SOUTHEAST CORNER.
NJ-36-37	LOOKING NORTHEAST DOWN DOWN 11TH AVENUE, BUILDING NO. 316 IN FOREGROUND AND BUILDING NO. 318 IN BACKGROUND.
NJ-36-38	BUILDING NO. 316, METALLURGY LAB, LOOKING AT SOUTH AND EAST FACADES, BUILDING NO. 315 IN BACKGROUND.
NJ-36-39	GENERAL VIEW LOOKING NORTH, SHOWING BUILDING NO. 318, METALLURGY LAB, ON RIGHT, BUILDING NO. 319, GENERAL PURPOSE ADMINISTRATION BUILDING, ON LEFT AND BUILDING NO. 355, ADMINISTRATION BUILDING, RESEARCH & DEVELOPMENT, IN BACKGROUND LEFT.
NJ-36-40	BUILDING NO. 321, LOADING/ADMINISTRATION BUILDING, LOOKING AT EAST FACADE, BUILDING NO. 319 IN BACKGROUND LEFT.
NJ-36-41	BUILDING NO. 321, LOADING/ADMINISTRATION BUILDING, DETAIL VIEW OF BRICKWORK AT EAST END.
NJ-36-42	BUILDING NO. 321, LOADING/ADMINISTRATION BUILDING, LOOKING AT WEST AND SOUTH FACADES. BUILDING NO. 324 IN BACKGROUND RIGHT.
NJ-36-43	BUILDING NO. 321, LOADING/ADMINISTRATION BUILDING, LOOKING AT WEST FACADE.

NJ-36-44	BUILDING NO. 322, FOUNDRY (87 MM.), LOOKING AT WEST FACADE. BUILDING NO. 321 ON RIGHT.
NJ-36-45	BUILDING NO. 322, FOUNDRY (87 MM.), LOOKING AT SOUTH AND EAST FACADES.
NJ-36-46	BUILDING NO. 322, FOUNDRY (87 MM.), LOOKING AT NORTHEAST CORNER.
NJ - 36-47	BUILDING NO. 323, GENERAL PURPOSE LAB, LOOKING AT WEST SIDE NORTH END.
NJ-36-48	BUILDING NO. 323, GENERAL PURPOSE LAB, LOOKING AT SOUTHWEST CORNER.
NJ-36-49	BUILDING NO. 323, GENERAL PURPOSE LAB, LOOKING AT SOUTHEAST CORNER.
NJ-36-50	BUILDING NO. 323, GENERAL PURPOSE LAB, LOOKING AT NORTHEAST CORNER.
NJ-36-51	BUILDING NO. 324, GENERAL STOREHOUSE (ORIGINALLY STORED SODIUM NITRATE), LOOKING AT SOUTHWEST END.
NJ-36-52	BUILDING NO. 324, GENERAL STOREHOUSE (ORIGINALLY STORED SODIUM NITRATE), LOOKING AT NORTHWEST SIDE.
NJ-36-53	BUILDING NO. 326, FE MAINTENANCE SHOP (SHELL SANDBLASTING), LOOKING AT NORTHEAST END OF BUILDING. BUILDING NO. 302 ON RIGHT.
NJ-36-54	BUILDING NO. 329, STORAGE MAGAZINE, (ELECTROMAGNETIC GUN RANGE), LOOKING AT NORTHWEST AND SOUTHWEST SIDES.
NJ-36-55	BUILDING NO. 329, STORAGE MAGAZINE, (ELECTROMAGNETIC GUN RANGE), LOOKING AT NORTHEAST AND SOUTHEAST SIDES.

- NJ-36-56 BUILDING NO. 333, TURBINE BUILDING (1905), VIEW LOOKING NORTH.
 NOTE GRANITE DATE STONE AND SEMICIRCULAR WINDOW LOCATED OVER
 PILASTER.
- NJ-36-57 BUILDING NO. 1071, ORDNANCE FACILITY (CRYSTALLIZATION BUILDING), LOOKING AT SOUTHEAST SIDE. NOTE ESCAPE CHUTES PROJECTING FROM SIDES OF BUILDING.
- NJ-36-58 BUILDING NO. 1071, ORDNANCE FACILITY (CRYSTALLIZATION BUILDING), LOOKING AT SOUTHWEST SIDE.
- NJ-36-59 BUILDING NO. 1071, ORDNANCE FACILITY (CRYSTALLIZATION BUILDING), LOOKING AT SOUTHWEST SIDE.
- NJ-36-60 BUILDING NO. 1301, ORDNANCE FACILITY (MORTAR POWDER BUILDING), LOOKING SOUTHEAST ALONG NORTHWEST FACADE.
- NJ-36-61 BUILDING NO. 1301, ORDNANCE FACILITY (MORTAR POWDER BUILDING), LOOKING SOUTHEAST ALONG NORTHWEST FACADE.
- NJ-36-62 BUILDING NO. 1301, ORDNANCE FACILITY (MORTAR POWDER BUILDING),
 LOOKING AT NORTHWEST FACADE. ACCESS TO ROOF ALLOWS MAINTENANCE OF
 VENTILATION EQUIPMENT WHICH IS PLACED OUTSIDE BUILDING TO MINIMIZE
 EXPLOSION HAZARD. NO. 2 VISIBLE ON WALL OF BUILDING STANDS FOR
 EXPLOSION HAZARD WITH FRACMENTATION.
- NJ-36-63 BUILDING NO. 1301, ORDNANCE FACILITY (MORTAR POWDER BUILDING), INTERIOR, LOOKING SOUTHEAST DOWN SCREENED WALKWAY ON NORTHWEST SIDE.
- NJ-36-64 BUILDING NO. 3010, ORDNANCE ADMINISTRATION BUILDING, LOOKING AT SOUTHEAST AND NORTHEAST SIDES OF BUILDING. BUILT FOR U.S. NAVY IN 1902.
- NJ-36-65 BUILDING NO. 3013, POWDER PLANT, LOOKING AT SOUTHEAST FACADE. BUILT FOR U.S. NAVY IN 1900.

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NJ-36-66 BUILDING NO. 3157, PUMP HOUSE, LOOKING AT SOUTHEAST AND NORTHEAST FACADES. NJ-36-67 BUILDING NO. 3157, PUMP HOUSE, LOOKING AT NORTHWEST AND SOUTHWEST FACADES. NJ-36-68 BUILDING NO. 3173, GENERAL PURPOSE LABORATORY, LOOKING NORTHWEST AT SOUTH AND EAST SIDES. BUILT IN 1902 AS A CARPENTER SHOP FOR U.S. NAVY. NJ-36-69 BUILDING NO. 3250, FAMILY HOUSING (GENERAL/COLONEL), LOOKING SOUTHWEST AT NORTHEAST SIDE OF BUILDING. BUILT IN 1890. THIS IS ONE OF THE OLDEST STRUCTURES AT PICATINNY. NJ-36-70 BUILDING NO. 3250, FAMILY HOUSING (GENERAL/COLONEL), DETAIL VIEW OF STONEWORK AT FRONT ENTRANCE. NOTE BRICK QUOINING AROUND WINDOWS AND DOORWAYS. NJ - 36 - 71BUILDING NO. 3250, FAMILY HOUSING (GENERAL/COLONEL), LOOKING AT SOUTHWEST SIDE OF BUILDING. NJ - 36 - 72BUILDING NO. 3316, PICATINNY ARSENAL FIRE STATION, LOOKING AT SOUTHWEST SIDE OF FIRE STATION (1903). LATER ADDITION TO STATION IS VISIBLE ON RIGHT. BUILDING NO. 3317, GREENHOUSE, IS VISIBLE IN BACKGROUND LEFT. NJ = 36 = 73BUILDING NO. 3316, PICATINNY ARSENAL FIRE STATION, LOOKING NORTH AT NORTHWEST AND SOUTHWEST SIDES OF 1903 FIRE STATION. BUILDING NO. 3315, AUTO SHOP, IS VISIBLE IN BACKGROUND. NJ - 36 - 74BUILDING NO. 3316, PICATINNY ARSENAL FIRE STATION, LOOKING AT NORTHEAST AND SOUTHEAST SIDES OF FIRE STATION ADDITION.